

VZCZCXYZ0000  
OO RUEHWEB

DE RUEHC #8415 2091417  
ZNR UUUUU ZZH  
O 281401Z JUL 09  
FM SECSTATE WASHDC  
TO RUEHOT/AMEMBASSY OTTAWA IMMEDIATE 5919  
RUEHON/AMCONSUL TORONTO IMMEDIATE 6985  
INFO RUEHUNV/USMISSION UNVIE VIENNA IMMEDIATE 5233  
RUEKJCS/SECDEF WASHINGTON DC IMMEDIATE  
RUEAORC/US CUSTOMS AND BORDER PROTECTION WASHINGTON DC IMMEDIATE 0847  
RHMFIUU/NRC WASHINGTON DC IMMEDIATE  
RHMFISS/JOINT STAFF WASHINGTON DC IMMEDIATE  
RHMCSUU/FBI WASHINGTON DC IMMEDIATE 5190  
RUETIAA/DIRNSA FT GEORGE G MEADE MD IMMEDIATE 2448  
RHMCSUU/DEPT OF ENERGY WASHINGTON DC IMMEDIATE  
RUEAIIA/CIA WASHINGTON DC IMMEDIATE 0384

UNCLAS STATE 078415

SENSITIVE  
SIPDIS

E.O. 12958: N/A  
TAGS: [KNNP](#) [MNUC](#) [ASEC](#) [KCRM](#) [PARM](#) [PINR](#) [PREL](#) [CA](#) [XS](#)  
SUBJECT: RESPONSE TO ONTARIO POWER GENERATION REGARDING A  
USG REQUEST FOR PROPOSAL FOR HELIUM-3 EXTRACTION

REF: A. TORONTO 000163  
[B](#). STATE 075002  
[C](#). OTTAWA 000522  
[D](#). STATE 69767

[1](#). (U) This is an action request for Consulate General  
Toronto and Embassy Ottawa. Please see paragraph 3.

[2](#). (SBU) BACKGROUND: Per REF A, Ontario Power Generation  
(OPG) is "highly supportive" of the United States' proposal  
to extract helium-3 (He-3) from OPG facilities and has  
offered several suggestions and preferences. OPG stated it  
would like to transfer its inventory of tritium directly to  
the United States Government (USG) without being involved in  
any subsequent processes to utilize the tritium or its  
byproducts. OPG specifically requested the USG issue a  
Request for Proposal which would allow OPG to initiate a  
dialogue with the goal of a mutually-acceptable agreement and  
transfer of material. Additionally, OPG preferred an initial  
meeting consist of "people who can talk business and  
decision-makers," prior to technical discussions between  
technical experts. Mario Cornacchia, OPG's Director of  
Commercial Services, offered an informal tour of OPG's  
facility in Darlington and promised to consider including  
technical experts in any initial discussions.

[3](#). (SBU) ACTION REQUEST: ConGen Toronto is requested to  
inform OPG that Washington is encouraged by their response  
and intends to draft a Request for Proposal to be delivered  
in the August 10 timeframe. Additionally, Washington requests  
that ConGen Toronto seek answers to the questions in  
paragraph 4 in order to facilitate a means to extract He-3  
from OPG stocks of tritium. Washington requests that Embassy  
Ottawa inform appropriate Canadian authorities that OPG has  
expressed an interest in transferring its inventory of  
tritium to the United States Government, in contrast to the  
contemplated extraction of He-3 discussed in REF C.

[4](#). (SBU) FOLLOW UP QUESTIONS:

--The tentative delegation listed in REF B would like to  
visit OPG's Darlington facility between September 9-17, 2009.  
Washington appreciates the offer of an informal tour and  
OPG's flexibility on the inclusion of at least one technical  
expert on this initial visit.

--In order to generate a proper Request for Proposal,  
Washington asks that OPG provide information regarding any  
monitoring requirements that are associated with the

cylinders described in REF A, and Canadian transport and packaging requirements for shipping these cylinders through Canadian territory.

15. (SBU) REPORTING DEADLINE: Washington requests that ConGen Toronto respond via front-channel cable no later than August 3, 2009.

16. (SBU) Washington appreciates Posts' assistance. Contact Michael Curry (currymr@state.gov), 202-736-7692 in ISN/WMDT for additional information.  
CLINTON